

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions and listings of claims in the application.

Listing of Claims

1. (Currently Amended) A catalyst composition for purifying an exhaust gas containing an organic compound and a silicon compound, the catalyst composition comprising: alumina particles having a precious metal carried thereon, and zeolite particles having a precious metal carried thereon, wherein the amount of precious metal carried on the alumina particles is in the range of 0.5 wt.% to 10 wt.% of the alumina particles, and the amount of precious metal carried on the zeolite particles is in the range of 0.5 wt.% to 10 wt.% of the zeolite particles, wherein wherein:

a proportion of a weight of the zeolite particles relative to a sum of a weight of the alumina particles and the weight of the zeolite particles is in a range of 1 wt.% to 70 wt.%, and the zeolite particles are capable of absorbing 0.6 to 1.5 mmol NH₃ at 160°C to 550°C per gram of the zeolite particles.

2-4. (Cancelled)

5. (Previously presented) The catalyst composition according to claim 1, further containing a binder.

6. (Cancelled)

7. (Previously presented) The catalyst composition according to claim 1, wherein the precious metal is Pt, Pd, Rh, Ir or Ru, an alloy of any of these, or a mixture of these.

8. (Cancelled)

9. (Previously presented) The catalyst composition according to claim 1, wherein the zeolite comprises an alkali metal oxide, an alkaline earth metal oxide, or both, and wherein a sum of an amount of the alkali metal oxide and an amount of the alkaline earth metal oxide in the zeolite is 5 wt.% or less based on a total amount of the zeolite.

10. (Previously presented) A catalyst comprising:
a catalyst substrate; and
a catalyst layer formed on the catalyst substrate and containing the catalyst composition according to claim 1.

11. (Original) The catalyst according to claim 10, wherein an average thickness of the catalyst layer is in a range of 10 to 500 μm .

12-13. (Cancelled)

14. (Previously presented) The catalyst composition of claim 1, wherein the zeolite particles are selected from the group consisting of HY zeolites, X zeolites, A zeolites, and any combination thereof.

Applicant : Yoshiki NAKANO et al.
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15. (Previously presented) The catalyst composition of claim 14, wherein the zeolite particles comprise said HY zeolites, and said HY zeolites have a SiO₂/Al₂O₃ molar ratio in the range of 5 to 50.

16-17. (Cancelled)